

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of

Thomas R. Welter, et al

CHIRAL COMPOUNDS AND
COMPOSITIONS CONTAINING
THE SAME

Serial No. 10/651,692

Filed 29 August 2003

Group Art Unit: 1756

Examiner: To be assigned

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Cheryl L. Betteridge
Cheryl L. Betteridge

Date *April 28, 2005*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FOR
CONSIDERATION BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form EKC-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☐ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed.

III. ☒ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☒ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

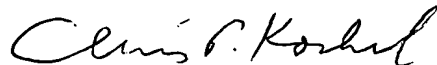
☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,

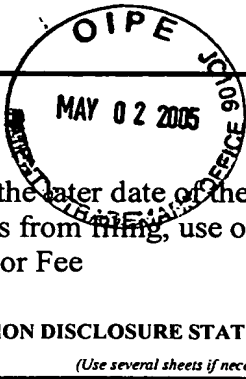


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Enclosures

If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.

FORM EKC-1449



If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee

Atty. Docket No.

86712CPK

Customer No. 01333

Serial No.

10/651,692

Applicant:

Thomas R. Welter, et al

Filing Date

29 August 2003

Group

1756

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,945,968	03-23-1976	Goletto			09-12-1974
	4,346,167	08-24-1982	Imatomi et al.			07-29-1981
	4,895,793	01-23-1990	Seto et al.			04-15-1987
	5,053,555	10-01-1991	Yeager et al.			02-26-1991

FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	Pub No. 0 307 951	03-22-1989	EP			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BIRMAN, VLADIMIR B. ET AL: "1,1'-Spirobiindan-7,7' -diol: a novel, C2-symmetric chiral ligand" TETRAHEDRON: ASYMMETRY, 10(1), 125-131 CODEN: TASYE3; ISSN: 0957-4166, 1999, XP002315481 page 126, Scheme 1, e.g. compounds 14 to 16; page 127, compounds 16 to 19; Scheme 2; page 130, item 3.9
	DATABASE BEILSTEIN, INSTITUT ZUR FORDERUNG DER CHEMISCHEN, WISSENSCHAFTEN, FRANKFURT AM MAIN, DE; XP002315483, Database accession no. BRN 2034658, abstract & BLATCHLY ET AL.: "Thiele-Winter Acetoxylation of Quinones. Part IV. Quinones containing One or More t-Butyl Groups" J. CHEM. SOC. PERKIN TRANS. 1, 1972, PAGES 2286-2291, XP009043084
	DATABASE CA Online, CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; TAN, SHIRO ET AL: "Novel diazonaphthoquinone photoactive compound for g-line/i-line compatible positive photoresist," XP002315484, retrieved from STN, Database accession no. 1990:601153, abstract, and PROCEEDINGS OF SPIE-THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1262 (ADV. RESIST TECHNOL. PROCESS. 7), 513-26 CODEN: PSISDG; ISSN: 0277-786X, 1990.
	DATABASE CA Online, CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SANCHEZ-VIESCA, F. ET AL: "Preparation and spectroscopy study of 4,4', 6,6', 7,7'-hexamethoxy-3, 3, 3', 3'-tetramethyl-1, 1'-spiro-bis-hydrinden" XPOO2315485, retrieved from STN, Database accession no. 1981: 461829, abstract, and REVISTA LATINOAMERICANA DE QUIMICA, 12(1), 27-9 CODEN: RLAQA8; ISSN; 0370-5943, 1981
	DTABASE CA Online, CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; UENISHI, KAZUYA ET AL: "Structural effects of diazonaphthoquinonephotoactive compound backbone on resist lithographic properties," XP002315486, retrieved from STN, Database accession no. 1991:690953, abstract, and PROCEEDINGS OF SPIE-THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1566 (ADV. RESIST TECHNOL. PROCESS. 8), 102-16 CODEN: PSISDG; ISSN: 0277-786X, 1991

ZHOU, HAI ET AL: "Highly Enantioselective Copper-Catalyzed Conjugate Addition of Diethylzinc to Enones Using Chiral Spiro Phosphoramidites as Ligands," JOURNAL OF ORGANIC CHEMISTRY, 68(4), 1582-1584 CODEN: JOCEAH; ISSN: 0022-3263, vol. 68, no. 4, 2003, pages 1582-1584, XP002315482, PAGE 1582, FIGURE 1; sCHEME 1; ABSTRACT

EXAMINER

DATE CONSIDERED

**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*